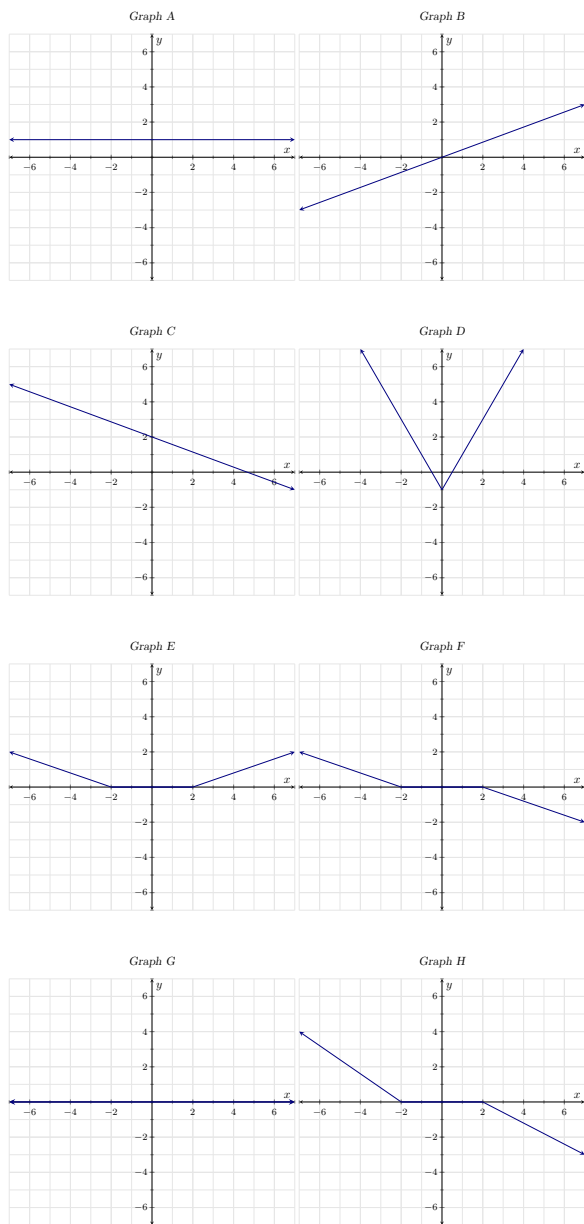


Exercise 1 Look at the following graphs of functions. Assume that all the important behavior of the functions is shown on the graphs below.



(a) The function corresponding to Graph A is

Multiple Choice:

- (i) *neither even nor odd.*
- (ii) *even, but not odd. ✓*
- (iii) *odd, but not even.*
- (iv) *both even and odd.*

(b) *The function corresponding to Graph B is*

Multiple Choice:

- (i) *neither even nor odd.*
- (ii) *even, but not odd.*
- (iii) *odd, but not even. ✓*
- (iv) *both even and odd.*

(c) *The function corresponding to Graph C is*

Multiple Choice:

- (i) *neither even nor odd. ✓*
- (ii) *even, but not odd.*
- (iii) *odd, but not even.*
- (iv) *both even and odd.*

(d) *The function corresponding to Graph D is*

Multiple Choice:

- (i) *neither even nor odd.*
- (ii) *even, but not odd. ✓*
- (iii) *odd, but not even.*
- (iv) *both even and odd.*

(e) *The function corresponding to Graph E is*

Multiple Choice:

- (i) *neither even nor odd.*
- (ii) *even, but not odd. ✓*
- (iii) *odd, but not even.*
- (iv) *both even and odd.*

(f) *The function corresponding to Graph F is*

Multiple Choice:

- (i) *neither even nor odd.*
- (ii) *even, but not odd.*
- (iii) *odd, but not even.* ✓
- (iv) *both even and odd.*

(g) *The function corresponding to Graph G is*

Multiple Choice:

- (i) *neither even nor odd.*
- (ii) *even, but not odd.*
- (iii) *odd, but not even.*
- (iv) *both even and odd.* ✓

(h) *The function corresponding to Graph H is*

Multiple Choice:

- (i) *neither even nor odd.* ✓
 - (ii) *even, but not odd.*
 - (iii) *odd, but not even.*
 - (iv) *both even and odd.*
-